

SAFETY DATA SHEET

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SDS no.:

01463908

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test
Product code : 01463908, 10309022

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses

ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Diagnostic agents.
ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Diagnostic agents.
ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Diagnostic agents.
ADVIA® Centaur HIV-1/2 Calibrator, Low	Diagnostic agents.
ADVIA® Centaur HIV-1/2 Calibrator, High	Diagnostic agents.

Restrictions on use For professional users only.

Supplier : Siemens Healthcare Diagnostics Limited
 Park View,
 Watchmoor Park,
 Camberley,
 Surrey,
 GU15 3YL
 United Kingdom

Phone: +44 (0) 345 600 1955

e-mail address of person responsible for this SDS : dx.msds.healthcare@siemens-healthineers.com

1.4 Emergency telephone number

CHEMTREC: +44 20 3807 3798

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : ADVIA® Centaur HIV-1/O/2 Enhanced Mixture
 Lite Reagent
 ADVIA® Centaur HIV-1/O/2 Enhanced Mixture
 Solid Phase
 ADVIA® Centaur HIV-1/O/2 Enhanced Mixture
 Ancillary Lite Reagent
 ADVIA® Centaur HIV-1/2 Calibrator, Low Mixture
 ADVIA® Centaur HIV-1/2 Calibrator, High Mixture

Classification according to UK CLP/GHS

ADVIA® Centaur HIV-1/2 Calibrator, Low

Skin Sens. 1, H317
 Aquatic Chronic 3, H412

ADVIA® Centaur HIV-1/2 Calibrator, High

Skin Sens. 1, H317
 Aquatic Chronic 3, H412

The product is not classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.
 See Section 16 for the full text of the H statements declared above.

SECTION 2: Hazards identification

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms

:



Signal word

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent No signal word.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase No signal word.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent No signal word.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Warning
 ADVIA® Centaur HIV-1/2 Calibrator, High Warning

Hazard statements

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent No known significant effects or critical hazards.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase No known significant effects or critical hazards.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent No known significant effects or critical hazards.
 ADVIA® Centaur HIV-1/2 Calibrator, Low H317 - May cause an allergic skin reaction.
 H412 - Harmful to aquatic life with long lasting effects.
 ADVIA® Centaur HIV-1/2 Calibrator, High H317 - May cause an allergic skin reaction.
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not applicable.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not applicable.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not applicable.
 ADVIA® Centaur HIV-1/2 Calibrator, Low P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P273 - Avoid release to the environment.
 ADVIA® Centaur HIV-1/2 Calibrator, High P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P273 - Avoid release to the environment.

Response

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not applicable.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not applicable.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not applicable.
 ADVIA® Centaur HIV-1/2 Calibrator, Low P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362 + P364 - Take off contaminated clothing and wash it before reuse.
 ADVIA® Centaur HIV-1/2 Calibrator, High P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362 + P364 - Take off contaminated

SECTION 2: Hazards identification

		clothing and wash it before reuse.
Storage	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not applicable.
Disposal	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 2: Hazards identification

Other hazards which do not result in classification : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent None known.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase None known.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent None known.
 ADVIA® Centaur HIV-1/2 Calibrator, Low None known.
 ADVIA® Centaur HIV-1/2 Calibrator, High None known.

Additional information : Potentially biohazardous material.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

SECTION 3: Composition/information on ingredients

3.1 Substances : ADVIA® Centaur HIV-1/O/2 Enhanced Mixture Lite Reagent
 ADVIA® Centaur HIV-1/O/2 Enhanced Mixture Solid Phase
 ADVIA® Centaur HIV-1/O/2 Enhanced Mixture Ancillary Lite Reagent
 ADVIA® Centaur HIV-1/2 Calibrator, Low Mixture
 ADVIA® Centaur HIV-1/2 Calibrator, High Mixture

Product/ingredient name	Identifiers	%	Classification	Type
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	<0.1	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	[1] [2]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS: 55965-84-9 Index: 613-167-00-5	<0.025	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	[1]
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide	EC: 247-852-1 CAS: 26628-22-8 Index: 011-004-00-7	<0.1	Acute Tox. 2, H300 Acute Tox. 1, H310 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH032	[1] [2]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS: 55965-84-9 Index: 613-167-00-5	<0.025	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1,	[1]

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 3: Composition/information on ingredients

			H410 (M=100) EUH071 See Section 16 for the full text of the H statements declared above.	
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Type

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in

SECTION 4: First aid measures

recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

ADVIA® Centaur HIV-1/2 Calibrator, High
 Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

ADVIA® Centaur HIV-1/2 Calibrator, Low
 Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

ADVIA® Centaur HIV-1/2 Calibrator, High
 Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent
 Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase
 Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical

SECTION 4: First aid measures

ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
ADVIA® Centaur HIV-1/2 Calibrator, Low	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
ADVIA® Centaur HIV-1/2 Calibrator, High	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
ADVIA® Centaur HIV-1/2 Calibrator, High	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before

SECTION 4: First aid measures

removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data.
Inhalation	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data.
Skin contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Adverse symptoms may include the following: irritation redness
	ADVIA® Centaur HIV-1/2 Calibrator, High	Adverse symptoms may include the following: irritation redness
Ingestion	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 4: First aid measures

Specific treatments	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific treatment.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific treatment.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific treatment.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No specific treatment.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No specific treatment.
	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products : No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

SECTION 6: Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 0.3 mg/m ³ , (as NaN ₃) 15 minutes. TWA: 0.1 mg/m ³ , (as NaN ₃) 8 hours.
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 0.3 mg/m ³ , (as NaN ₃) 15 minutes. TWA: 0.1 mg/m ³ , (as NaN ₃) 8 hours.

SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 µg/m ³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	0.02 mg/m ³	General population	Local
	DNEL	Long term Inhalation	0.02 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	0.04 mg/m ³	General population	Local
	DNEL	Short term Inhalation	0.04 mg/m ³	Workers	Local
	DNEL	Long term Oral	0.09 mg/kg bw/day	General population	Systemic
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	DNEL	Long term Oral	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	16.7 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 µg/m ³	General population	Systemic
	DNEL	Long term Dermal	46.7 µg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.164 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	0.02 mg/m ³	General population	Local
	DNEL	Long term Inhalation	0.02 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	0.04 mg/m ³	General population	Local
	DNEL	Short term Inhalation	0.04 mg/m ³	Workers	Local
	DNEL	Long term Oral	0.09 mg/kg bw/day	General population	Systemic
DNEL	Short term Oral	0.11 mg/kg bw/day	General population	Systemic	

SECTION 8: Exposure controls/personal protection

			kg bw/day	population	
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PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Liquid.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Liquid.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Liquid.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Liquid.
 ADVIA® Centaur HIV-1/2 Calibrator, High Liquid.

SECTION 9: Physical and chemical properties

Colour	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Colourless to light yellow. Colourless to light yellow. Colourless to light yellow. Colourless to light yellow. Colourless to light yellow.
Odour	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Odourless. Odourless. Odourless. Bland. Bland.
Odour threshold	: Not relevant/applicable due to nature of the product.	
Melting point/freezing point	: Not relevant/applicable due to nature of the product.	
Softening point	: Not relevant/applicable due to nature of the product.	
Sublimation temperature	: Not relevant/applicable due to nature of the product.	
Initial boiling point and boiling range	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Flammability (solid, gas)	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Upper/lower flammability or explosive limits	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Flash point	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator,	[Product does not sustain combustion.] [Product does not sustain combustion.] [Product does not sustain combustion.] [Product does not sustain combustion.]

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 9: Physical and chemical properties

Low
 ADVIA® Centaur HIV-1/2 Calibrator, [Product does not sustain combustion.]
 High

Ingredient name	Closed cup			Open cup		
	°C	°F	Method	°C	°F	Method
ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ethanol	9.7	49.5	Abel-Pensky	17.778	64	
ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ethanol	9.7	49.5	Abel-Pensky	17.778	64	
ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ethanol	9.7	49.5	Abel-Pensky	17.778	64	
ADVIA® Centaur HIV-1/2 Calibrator, Low triethyl orthoformate	35	95				
ADVIA® Centaur HIV-1/2 Calibrator, High triethyl orthoformate	35	95				

Auto-ignition temperature :

Ingredient name	°C	°F	Method
ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ethanol	455	851	DIN 51794
ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ethanol	455	851	DIN 51794
ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ethanol	455	851	DIN 51794
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide	309	588.2	EU A.16
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide	309	588.2	EU A.16

Decomposition temperature : Not relevant/applicable due to nature of the product.

pH : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent 7.45 to 7.55
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase 7.25 to 7.35
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent 7.45 to 7.55
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not applicable.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not applicable.

SECTION 9: Physical and chemical properties

Viscosity : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Solubility(ies) :
 Not available.

Solubility in water : Not relevant/applicable due to nature of the product.

Miscible with water : Not relevant/applicable due to nature of the product.

Partition coefficient: n-octanol/ water : Not relevant/applicable due to nature of the product.

Vapour pressure :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ethanol	42.95	5.7				
ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ethanol	42.95	5.7				
ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ethanol	42.95	5.7				
ADVIA® Centaur HIV-1/2 Calibrator, Low water	23.8	3.2				
ADVIA® Centaur HIV-1/2 Calibrator, High water	23.8	3.2				

Evaporation rate : Not relevant/applicable due to nature of the product.

Relative density : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent >1
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase >1
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent >1
 ADVIA® Centaur HIV-1/2 Calibrator, Low 1
 ADVIA® Centaur HIV-1/2 Calibrator, High 1

SECTION 9: Physical and chemical properties

Density	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Vapour density	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Explosive properties	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Oxidising properties	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
<u>Particle characteristics</u>		
Median particle size	: Not applicable.	
9.2 Other information		
Fire point	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Burning time	: Not relevant/applicable due to nature of the product.	
Fundamental burning velocity	: Not relevant/applicable due to nature of the product.	
Burning rate	: Not relevant/applicable due to nature of the product.	
SADT	: Not relevant/applicable due to nature of the product.	
SAPT	: Not relevant/applicable due to nature of the product.	
Heat of reaction	: Not relevant/applicable due to nature of the product.	

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 9: Physical and chemical properties

- Heat of combustion** : Not relevant/applicable due to nature of the product.
Flow time (ISO 2431) : Not relevant/applicable due to nature of the product.
Molecular weight : Not relevant/applicable due to nature of the product.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : No specific data.
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
	LD50 Oral	Rat	53 mg/kg	-
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Dermal	Rabbit	20 mg/kg	-
	LD50 Dermal	Rat	50 mg/kg	-
	LD50 Oral	Rat	27 mg/kg	-
	LD50 Oral	Rat	53 mg/kg	-

- Conclusion/Summary** : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Acute toxicity estimates

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	27 53	20 50	N/A N/A	N/A 0.5	N/A N/A
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	27 53	20 50	N/A N/A	N/A 0.5	N/A N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ADVIA® Centaur HIV-1/2 Calibrator, Low reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Skin - Severe irritant	Human	-	0.01 %	-
ADVIA® Centaur HIV-1/2 Calibrator, High reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Skin - Severe irritant	Human	-	0.01 %	-

Conclusion/Summary

Skin	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.
Eyes	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.
Respiratory	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Sensitisation

Conclusion/Summary

SECTION 11: Toxicological information

Skin : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Respiratory : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Mutagenicity

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Carcinogenicity

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Reproductive toxicity

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Teratogenicity

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

SECTION 11: Toxicological information

Information on likely routes of exposure	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Potential acute health effects

Eye contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards.

Inhalation	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards.

Skin contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	May cause an allergic skin reaction.
	ADVIA® Centaur HIV-1/2 Calibrator, High	May cause an allergic skin reaction.

Ingestion	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No known significant effects or critical hazards.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No specific data.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No specific data.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data.

SECTION 11: Toxicological information

Inhalation	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data. No specific data. No specific data. No specific data. No specific data.
Skin contact	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data. No specific data. No specific data. Adverse symptoms may include the following: irritation redness Adverse symptoms may include the following: irritation redness
Ingestion	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No specific data. No specific data. No specific data. No specific data. No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
Potential delayed effects	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.

Long term exposure

Potential immediate effects	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
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SECTION 11: Toxicological information

Potential delayed effects	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
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Potential chronic health effects

Not available.

Conclusion/Summary	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	Not available. Not available. Not available. Not available. Not available.
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General	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
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Carcinogenicity	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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Mutagenicity	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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Reproductive toxicity	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent ADVIA® Centaur HIV-1/2 Calibrator, Low ADVIA® Centaur HIV-1/2 Calibrator, High	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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SECTION 11: Toxicological information

Interactive effects	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Toxicokinetics

Absorption	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Distribution	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Metabolism	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Elimination	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

Other information	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information

Product/ingredient name	Result	Species	Exposure
ADVIA® Centaur HIV-1/2 Calibrator, Low sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - <i>Macrocystis pyrifera</i>	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - <i>Simocephalus serrulatus</i> - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia pulex</i> - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - <i>Lepomis macrochirus</i>	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - <i>Macrocystis pyrifera</i>	96 hours
ADVIA® Centaur HIV-1/2 Calibrator, High sodium azide	Acute EC50 9200 µg/l Marine water	Algae - Giant kelp - <i>Macrocystis pyrifera</i>	96 hours
	Acute EC50 6.4 mg/l Fresh water	Crustaceans - Water flea - <i>Simocephalus serrulatus</i> - Larvae	48 hours
	Acute EC50 4.2 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia pulex</i> - Larvae	48 hours
	Acute LC50 0.68 mg/l Fresh water	Fish - Bluegill - <i>Lepomis macrochirus</i>	96 hours
	Chronic NOEC 5600 µg/l Marine water	Algae - Giant kelp - <i>Macrocystis pyrifera</i>	96 hours

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

12.2 Persistence and degradability

Conclusion/Summary : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase Not available.
 ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, Low Not available.
 ADVIA® Centaur HIV-1/2 Calibrator, High Not available.

SECTION 12: Ecological information

Mobility	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not available.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not available.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

ADR/RID

14.1 UN number	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not regulated.
	14.2 UN proper shipping name	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent
ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase		-
ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent		-
ADVIA® Centaur HIV-1/2 Calibrator, Low		-
ADVIA® Centaur HIV-1/2 Calibrator, High		-

SECTION 14: Transport information

14.3 Transport hazard class(es)	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.4 Packing group	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.5 Environmental hazards	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No.
Additional information	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-

ADN

14.1 UN number	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not regulated.
14.2 UN proper shipping name	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.3 Transport hazard class(es)	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-

SECTION 14: Transport information

14.4 Packing group	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.5 Environmental hazards	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No.
Additional information	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
IMDG		
14.1 UN number	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not regulated.
14.2 UN proper shipping name	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.3 Transport hazard class(es)	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 14: Transport information

14.4 Packing group	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.5 Environmental hazards	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No.
Additional information	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-

IATA

14.1 UN number	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not regulated.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Not regulated.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Not regulated.
14.2 UN proper shipping name	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.3 Transport hazard class(es)	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.4 Packing group	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-

SECTION 14: Transport information

14.5 Environmental hazards	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	No.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	No.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	No.
	ADVIA® Centaur HIV-1/2 Calibrator, High	No.
Additional information	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	-
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	-
	ADVIA® Centaur HIV-1/2 Calibrator, Low	-
	ADVIA® Centaur HIV-1/2 Calibrator, High	-
14.6 Special precautions for user	ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur HIV-1/2 Calibrator, Low	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
	ADVIA® Centaur HIV-1/2 Calibrator, High	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.7 Transport in bulk according to IMO instruments	Not applicable.	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

UK (GB) /REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not applicable.
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not applicable.
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not listed
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not listed
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not listed
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not listed
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not listed

Industrial emissions (integrated pollution prevention and control) - Water	: ADVIA® Centaur HIV-1/O/2 Enhanced Lite Reagent	Not listed
	: ADVIA® Centaur HIV-1/O/2 Enhanced Solid Phase	Not listed
	: ADVIA® Centaur HIV-1/O/2 Enhanced Ancillary Lite Reagent	Not listed
	: ADVIA® Centaur HIV-1/2 Calibrator, Low	Not listed
	: ADVIA® Centaur HIV-1/2 Calibrator, High	Not listed

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 15: Regulatory information

15.2 Chemical safety assessment : Not applicable.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
 GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EUH statement = GB CLP-specific Hazard statement
 N/A = Not available
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 SGG = Segregation Group
 vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
ADVIA® Centaur HIV-1/2 Calibrator, Low Skin Sens. 1, H317 Aquatic Chronic 3, H412	Calculation method Calculation method
ADVIA® Centaur HIV-1/2 Calibrator, High Skin Sens. 1, H317 Aquatic Chronic 3, H412	Calculation method Calculation method

Full text of abbreviated H statements

ADVIA® Centaur HIV-1/2 Calibrator, Low	
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.
ADVIA® Centaur HIV-1/2 Calibrator, High	
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.

ADVIA® Centaur HIV-1/O/2 Enhanced, 200 Test

SECTION 16: Other information

H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Full text of classifications

ADVIA® Centaur

HIV-1/2 Calibrator,

Low

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

ADVIA® Centaur

HIV-1/2 Calibrator,

High

Acute Tox. 1	ACUTE TOXICITY - Category 1
Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A

Date of printing : 12/13/2022

Date of issue/ Date of revision : 12/13/2022

Date of previous issue : No previous validation

Version : 1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

